Applicatioin No. 10/086,351   Docket No. 1232-4831
Amendment dated January 31, 2005
Reply to Office Action of October 29, 2004

Amendments to the Claims:

Claims 1-18 are pending in this application. Claims 1, 10 and 17 are independent.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (CURRENTLY AMENDED):   An information processing apparatus for ~~selecting an object~~

~~set with a function on a display screen~~ displaying multimedia contents encoded by object-based

coding on a display screen, ~~and executing the function~~, comprising:

determination means for searching the multimedia contents and thereby

determining a plurality of objects while the multimedia contents are displayed on the display

screen, wherein each ~~set~~ of the plurality of objects is associated with ~~a~~ an executable function

~~from multimedia contents encoded by object-based coding~~; and

setting means for setting an order for the plurality of objects determined by said

determination means; and

control means for controlling the ~~objects determined by said determination means~~

order set in said setting means so that each of the ~~object~~ plurality of objects is to be selected in

turn and the associated function is executed upon receiving a command from a user.

2 (CANCELLED):

3 (CURRENTLY AMENDED):   The apparatus according to claim ~~2~~ 1, wherein said ~~order~~

setting means ~~detects~~ determines an order ~~in which objects appear, an order~~ in which the

plurality of objects are laid out vertically, or an order in which the plurality of objects are laid out

horizontally~~, and sets the selection order on the basis of the detected order~~.

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4 (CURRENTLY AMENDED):   The apparatus according to claim 2 1, wherein said control

means comprises instruction means for instructing one of the plurality of objects determined by

said determination means as the object to be selected.

5 (CURRENTLY AMENDED):   The apparatus according to claim 4, wherein said control

means comprises means for changing an instruction of the object to be selected by said

instruction means in accordance with the selection order set by said order setting means.

6 (CURRENTLY AMENDED):   The apparatus according to claim 5, further comprising

means for identifiably informing a the user of the object instructed as the object to be selected by

said instruction means.

7 (CURRENTLY AMENDED):   The apparatus according to claim 5, wherein said means for

changing the instruction includes a button for switching the object to be selected by one touch in

accordance with the selection order.

8 (ORIGINAL):   The apparatus according to claim 1, wherein the object-based coding

includes MPEG-4.

9 (ORIGINAL):   The apparatus according to claim 1, wherein said multimedia contents

encoded by object-based coding include BIFS data, and said determination means determines

objects based on said BIFS data.

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10 (CURRENTLY AMENDED):   A method of selecting <u>an</u> object <u>out of a plurality of objects</u>

<u>imposed on multimedia contents displayed on a display screen of an information processing</u>

<u>apparatus,</u> comprising the steps of:

  <u>searching the multimedia contents encoded by object-based coding;</u>

  determining <u>the plurality of</u> objects each set with a̶ <u>an associated</u> function f̶r̶o̶m̶

m̶u̶l̶t̶i̶m̶e̶d̶i̶a̶ ̶c̶o̶n̶t̶e̶n̶t̶s̶ ̶e̶n̶c̶o̶d̶e̶d̶ ̶b̶y̶ ̶o̶b̶j̶e̶c̶t̶-̶b̶a̶s̶e̶d̶ ̶c̶o̶d̶i̶n̶g̶; a̶n̶d̶

  <u>setting an order for the plurality of objects determined by said determining step;</u>

  controlling the d̶e̶t̶e̶r̶m̶i̶n̶e̶d̶ <u>order of the plurality of</u> objects so that each of the

<u>plurality of</u> objects is to be selected in turn <u>and the associated function is executed upon</u>

<u>receiving a command from a user.</u>

11 (CANCELLED):

12 (CURRENTLY AMENDED):   The method according to claim 1̶1̶ <u>10</u>, wherein the o̶r̶d̶e̶r̶

setting step includes the step of d̶e̶t̶e̶c̶t̶i̶n̶g̶ <u>determining</u> an order i̶n̶ ̶w̶h̶i̶c̶h̶ ̶o̶b̶j̶e̶c̶t̶s̶ ̶a̶p̶p̶e̶a̶r̶,̶ ̶a̶n̶ ̶o̶r̶d̶e̶r̶

in which <u>the plurality of</u> objects are laid out vertically, or an order in which <u>the plurality of</u>

objects are laid out horizontally,̶ ̶a̶n̶d̶ ̶s̶e̶t̶t̶i̶n̶g̶ ̶t̶h̶e̶ ̶s̶e̶l̶e̶c̶t̶i̶o̶n̶ ̶o̶r̶d̶e̶r̶ ̶o̶n̶ ̶t̶h̶e̶ ̶b̶a̶s̶i̶s̶ ̶o̶f̶ ̶t̶h̶e̶ ̶d̶e̶t̶e̶c̶t̶e̶d̶ ̶o̶r̶d̶e̶r̶.

13 (CURRENTLY AMENDED):   The method according to claim 10, further comprising the

step of identifiably informing a̶ <u>the</u> user of the object which is set as the object to be selected.

14 (CURRENTLY AMENDED):   The method according to claim 1̶1̶ <u>10</u>, wherein the object to

be selected is switched by a button for switching the object to be selected by one touch in

accordance with the s̶e̶l̶e̶c̶t̶i̶o̶n̶ order.

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15(ORIGINAL):   The method according to claim 10, wherein the object-based coding includes MPEG-4.

16 (ORIGINAL):   The method according to claim 10, wherein said multimedia contents encoded by object-based coding include BIFS data, and in said determination step, objects are determined based on said BIFS data.

17 (CURRENTLY AMENDED):   A storage medium for computer-readably storing a control program for ~~controlling an information processing apparatus~~ for selecting an object <u>out of a plurality of objects imposed on multimedia contents displayed on a display screen of an information processing apparatus,</u> ~~set with a function on a display screen, and executing the function,~~ said control program comprising:

  <u>searching the multimedia contents encoded by object-based coding;</u>

  ~~the determination step of~~ determining <u>the plurality of</u> objects each set with ~~a~~ <u>an</u> associated function ~~from multimedia contents encoded by object-based coding; and~~

  <u>setting an orde for the plurality of objects determined by said determined step;</u>

  ~~the control step of~~ controlling the ~~determined~~ <u>order of the plurality of</u> objects so that each of the <u>plurality of</u> object is to be selected in turn <u>and the associated function is executed upon receiving a command from a user.</u>

18 (CANCELLED):

19 (NEW):   The storage medium of claim 17, wherein the object-based coding includes MPEG-4.

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20 (NEW):   The storage medium of claim 17, wherein said multimedia contents encoded by

object-based coding include BIFS data, and in said determination step, objects are determined

based on said BIFS data.

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